

Edgar Filing: BLACKROCK SENIOR HIGH INCOME FUND, INC. - Form NSAR-B

BLACKROCK SENIOR HIGH INCOME FUND, INC.

Form NSAR-B

April 29, 2010

PAGE 1  
000 B000000 02/28/2010  
000 C000000 0000896665  
000 D000000 N  
000 E000000 NF  
000 F000000 Y  
000 G000000 N  
000 H000000 N  
000 I000000 6.1  
000 J000000 A  
001 A000000 BLACKROCK SENIOR HIGH INCOME FUND, INC.  
001 B000000 811-07456  
001 C000000 8004417762  
002 A000000 100 BELLEVUE PARKWAY  
002 B000000 WILMINGTON  
002 C000000 DE  
002 D010000 19809  
003 000000 N  
004 000000 N  
005 000000 N  
006 000000 N  
007 A000000 N  
007 B000000 0  
007 C010100 1  
007 C010200 2  
007 C010300 3  
007 C010400 4  
007 C010500 5  
007 C010600 6  
007 C010700 7  
007 C010800 8  
007 C010900 9  
007 C011000 10  
008 A000001 BLACKROCK ADVISORS, LLC  
008 B000001 A  
008 C000001 801-47710  
008 D010001 WILMINGTON  
008 D020001 DE  
008 D030001 19809  
008 A000002 BLACKROCK FINANCIAL MANAGEMENT, INC.  
008 B000002 S  
008 C000002 801-48433  
008 D010002 NEW YORK  
008 D020002 NY  
008 D030002 10055  
012 A000001 BNY MELLON SHAREOWNER SERVICES  
012 B000001 85-05006  
012 C010001 JERSEY CITY  
012 C020001 NJ  
012 C030001 07310  
013 A000001 DELOITTE & TOUCHE LLP  
013 B010001 PRINCETON  
PAGE 2  
013 B020001 NJ  
013 B030001 08540  
014 A000001 BB & T AM DISTRIBUTORS, INC.  
014 B000001 8-52396  
014 A000002 BLACKROCK CAPITAL MARKETS, LLC  
014 B000002 8-67827

Edgar Filing: BLACKROCK SENIOR HIGH INCOME FUND, INC. - Form NSAR-B

014 A000003 BLACKROCK DISTRIBUTORS, INC.  
014 B000003 8-48775  
014 A000004 BLACKROCK INVESTMENTS, LLC  
014 B000004 8-48436  
014 A000005 HARRIS WILLIAMS LLC  
014 B000005 8-53380  
014 A000006 MGI FUNDS DISTRIBUTOR, INC.  
014 B000006 8-46960  
014 A000007 NATCITY INVESTMENTS, INC.  
014 B000007 8-35288  
014 A000008 NORTHERN FUNDS DISTRIBUTORS, LLC  
014 B000008 8-51242  
014 A000009 PNC CAPITAL MARKETS, INC.  
014 B000009 8-32493  
014 A000010 PNC INVESTMENTS LLC  
014 B000010 8-66195  
014 A000011 PFPC DISTRIBUTORS, INC.  
014 B000011 8-45467  
014 A000012 RED CAPITAL MARKETS, INC.  
014 B000012 8-31175  
014 A000013 BLACKROCK EXECUTION SERVICES  
014 B000013 8-48719  
014 A000014 BLACKROCK FUND DISTRIBUTION COMPANY  
014 B000014 8-67795  
015 A000001 BANK OF NEW YORK MELLON  
015 B000001 C  
015 C010001 NEW YORK  
015 C020001 NY  
015 C030001 10286  
015 E010001 X  
015 A000002 J.P. MORGAN CHASE BANK  
015 B000002 S  
015 C010002 NEW YORK  
015 C020002 NY  
015 C030002 10017  
015 E010002 X  
015 A000003 CIBC MELLON TRUST CO  
015 B000003 S  
015 C010003 CANADA  
015 D010003 CANADA  
015 E040003 X  
015 A000004 THE BANK OF NEW YORK MELLON  
015 B000004 S  
015 C010004 IRELAND  
015 D010004 IRELAND  
PAGE 3  
015 E040004 X  
018 000000 Y  
019 A000000 Y  
019 B000000 282  
019 C000000 BLKRAKADVSR  
020 A000001 JONESTRADING INSTITUTIONAL SERVICES LLC  
020 B000001 51-0484896  
020 C000001 2  
020 A000002 RAFFERTY CAPITAL MARKETS, LLC  
020 C000002 1  
020 A000003 KNIGHT LIBERTAS LLC  
020 C000003 1  
020 A000004 BEDROK SECURITIES LLC  
020 C000004 0  
020 A000005 CREDIT SUISSE SECURITIES (USA) L.L.C.  
020 B000005 13-5659485

Edgar Filing: BLACKROCK SENIOR HIGH INCOME FUND, INC. - Form NSAR-B

020 C000005 0  
 020 A000006 CITIGROUP GLOBAL MARKETS, INC.  
 020 B000006 11-2418191  
 020 C000006 0  
 020 C000007 0  
 020 C000008 0  
 020 C000009 0  
 020 C000010 0  
 021 000000 4  
 022 A000001 BLK LIQUIDITY FUNDS, TEMPFUND, INSTIT. CLASS  
 022 B000001 52-0983343  
 022 C000001 121481  
 022 D000001 116844  
 022 A000002 J.P. MORGAN SECURITIES INC.  
 022 B000002 13-3299429  
 022 C000002 35645  
 022 D000002 19583  
 022 A000003 BANC OF AMERICA SECURITIES LLC  
 022 B000003 56-2058405  
 022 C000003 22160  
 022 D000003 10018  
 022 A000004 CREDIT SUISSE SECURITIES (USA) L.L.C.  
 022 B000004 13-5659485  
 022 C000004 19582  
 022 D000004 12071  
 022 A000005 BARCLAYS CAPITAL INC.  
 022 C000005 14720  
 022 D000005 13330  
 022 A000006 CITIGROUP GLOBAL MARKETS, INC.  
 022 B000006 11-2418191  
 022 C000006 15207  
 022 D000006 11597  
 022 A000007 DEUTSCHE BANK SECURITIES INC.  
 022 B000007 13-2730828  
 022 C000007 13591  
 PAGE 4  
 022 D000007 10317  
 022 A000008 MORGAN STANLEY & CO. INCORPORATED  
 022 B000008 13-2655998  
 022 C000008 6992  
 022 D000008 13194  
 022 A000009 GOLDMAN, SACHS & CO.  
 022 B000009 13-5108880  
 022 C000009 16792  
 022 D000009 2165  
 022 A000010 BLK LIQUIDITY SERIES, LLC CASH SWEEP SERIES  
 022 B000010 02-0651665  
 022 C000010 3842  
 022 D000010 8186  
 023 C000000 302249  
 023 D000000 262374  
 024 000000 N  
 026 A000000 N  
 026 B000000 N  
 026 C000000 N  
 026 D000000 Y  
 026 E000000 N  
 026 F000000 N  
 026 G010000 N  
 026 G020000 N  
 026 H000000 N  
 027 000000 N

Edgar Filing: BLACKROCK SENIOR HIGH INCOME FUND, INC. - Form NSAR-B

045 000000 Y  
 046 000000 N  
 047 000000 Y  
 048 000000 0.500  
 048 A010000 0  
 048 A020000 0.000  
 048 B010000 0  
 048 B020000 0.000  
 048 C010000 0  
 048 C020000 0.000  
 048 D010000 0  
 048 D020000 0.000  
 048 E010000 0  
 048 E020000 0.000  
 048 F010000 0  
 048 F020000 0.000  
 048 G010000 0  
 048 G020000 0.000  
 048 H010000 0  
 048 H020000 0.000  
 048 I010000 0  
 048 I020000 0.000  
 048 J010000 0  
 048 J020000 0.000  
 048 K010000 0  
 PAGE 5  
 048 K020000 0.000  
 049 000000 N  
 050 000000 N  
 051 000000 N  
 052 000000 N  
 053 A000000 Y  
 053 B000000 Y  
 053 C000000 N  
 054 A000000 Y  
 054 B000000 Y  
 054 C000000 N  
 054 D000000 N  
 054 E000000 N  
 054 F000000 N  
 054 G000000 N  
 054 H000000 Y  
 054 I000000 N  
 054 J000000 Y  
 054 K000000 N  
 054 L000000 N  
 054 M000000 Y  
 054 N000000 N  
 055 A000000 Y  
 055 B000000 Y  
 056 000000 Y  
 057 000000 N  
 058 A000000 N  
 059 000000 Y  
 060 A000000 N  
 060 B000000 N  
 061 000000 0  
 062 A000000 Y  
 062 B000000 0.0  
 062 C000000 0.0  
 062 D000000 0.0  
 062 E000000 0.0

Edgar Filing: BLACKROCK SENIOR HIGH INCOME FUND, INC. - Form NSAR-B

062	F000000	0.0
062	G000000	0.0
062	H000000	0.0
062	I000000	0.0
062	J000000	0.0
062	K000000	0.0
062	L000000	1.3
062	M000000	0.0
062	N000000	0.0
062	O000000	0.0
062	P000000	62.6
062	Q000000	54.2
062	R000000	2.5
063	A000000	0
063	B000000	5.8

PAGE 6

064	A000000	N
064	B000000	Y
065	000000	N
066	A000000	N
067	000000	N
068	A000000	N
068	B000000	N
069	000000	N
070	A010000	Y
070	A020000	N
070	B010000	N
070	B020000	N
070	C010000	Y
070	C020000	N
070	D010000	N
070	D020000	N
070	E010000	Y
070	E020000	N
070	F010000	N
070	F020000	N
070	G010000	Y
070	G020000	N
070	H010000	N
070	H020000	N
070	I010000	N
070	I020000	N
070	J010000	Y
070	J020000	N
070	K010000	Y
070	K020000	Y
070	L010000	Y
070	L020000	Y
070	M010000	Y
070	M020000	Y
070	N010000	Y
070	N020000	N
070	O010000	Y
070	O020000	Y
070	P010000	Y
070	P020000	Y
070	Q010000	N
070	Q020000	N
070	R010000	N
070	R020000	N
071	A000000	184777
071	B000000	174110

Edgar Filing: BLACKROCK SENIOR HIGH INCOME FUND, INC. - Form NSAR-B

071 C000000 218725  
 071 D000000 80  
 072 A000000 12  
 072 B000000 22136  
 072 C000000 0

PAGE 7

072 D000000 0  
 072 E000000 446  
 072 F000000 1104  
 072 G000000 53  
 072 H000000 0  
 072 I000000 57  
 072 J000000 16  
 072 K000000 0  
 072 L000000 29  
 072 M000000 23  
 072 N000000 19  
 072 O000000 0  
 072 P000000 375  
 072 Q000000 0  
 072 R000000 56  
 072 S000000 82  
 072 T000000 0  
 072 U000000 0  
 072 V000000 0  
 072 W000000 344  
 072 X000000 2158  
 072 Y000000 1  
 072 Z000000 20425  
 072AA000000 9888  
 072BB000000 50019  
 072CC010000 114058  
 072CC020000 0  
 072DD010000 16953  
 072DD020000 0  
 072EE000000 0  
 073 A010000 0.3000  
 073 A020000 0.0000  
 073 B000000 0.0000  
 073 C000000 0.0000  
 074 A000000 1  
 074 B000000 0  
 074 C000000 0  
 074 D000000 258046  
 074 E000000 0  
 074 F000000 4629  
 074 G000000 0  
 074 H000000 0  
 074 I000000 4021  
 074 J000000 12416  
 074 K000000 0  
 074 L000000 3178  
 074 M000000 160  
 074 N000000 282451  
 074 O000000 17898  
 074 P000000 100  
 074 Q000000 43000

PAGE 8

074 R010000 0  
 074 R020000 0  
 074 R030000 0  
 074 R040000 280

Edgar Filing: BLACKROCK SENIOR HIGH INCOME FUND, INC. - Form NSAR-B

074	S000000	0
074	T000000	221173
074	U010000	56543
074	U020000	0
074	V010000	3.91
074	V020000	0.00
074	W000000	0.0000
074	X000000	24661
074	Y000000	10361
075	A000000	0
075	B000000	191498
076	000000	3.94
077	A000000	Y
077	B000000	Y
078	000000	N
080	A000000	VIGILANT INSURANCE COMPANY
080	B000000	NATIONAL UNION FIRE INSURANCE COMPANY
080	C000000	85000
081	A000000	Y
081	B000000	101
082	A000000	N
082	B000000	0
083	A000000	N
083	B000000	0
084	A000000	N
084	B000000	0
085	A000000	Y
085	B000000	N
086	A010000	33
086	A020000	131
086	B010000	0
086	B020000	0
086	C010000	0
086	C020000	0
086	D010000	0
086	D020000	0
086	E010000	0
086	E020000	0
086	F010000	0
086	F020000	0
087	A010000	COMMON STOCK
087	A020000	09255T109
087	A030000	ARK
088	A000000	N
088	B000000	N
088	C000000	N
088	D000000	N
	PAGE	9
SIGNATURE	NEAL J. ANDREWS	
TITLE	CFO	